

**argus**  
**801**

**SUPER EIGHT MOVIE CAMERA**

*with electric eye and instant cartridge loading*

## INTRODUCTION

With the purchase of your Argus 801 Super Eight, you have joined an entirely new generation of movie makers who enjoy a completely different system of filming and showing home movies. Everything in the system...your camera, your projector, the film, splicer, editor, even the improved quality and larger size of the picture on the screen...is a new achievement in modern photographic technology, never possible until now. You can forget everything you ever knew or heard about 8mm movies before, and start enjoying a brand-new kind of fun!

The heart of the new system is the Super 8 instant-loading film cartridge. It is designed to take all the fuss and bother (and all the chances for mistakes) out of your movie-making hobby. Each cartridge contains enough film for fifty continuous feet of filming, threaded in its own transport mechanism, ready to shoot the instant you insert it in your automatic camera.

The first time you take the camera out of its box, there are a few things to get ready before you start filming:

- 1 Install batteries to power your camera's electric drive.
- 2 Insert a film cartridge.

... and you are ready for the first scene. However, we suggest you read through all of these instructions before you load-up and start shooting.

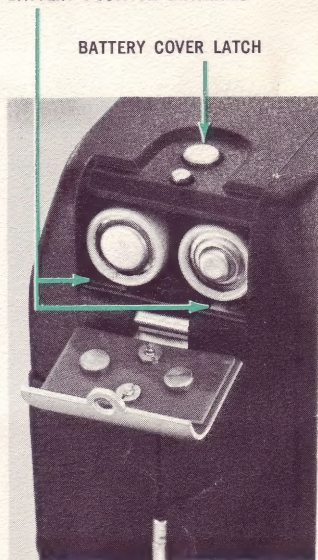
After the batteries are installed and the film cartridge is in place, all you ever have to do is to frame the scene through the viewfinder and press the trigger release! When all of the film is exposed, remove the cartridge and send it off for processing, insert another cartridge and continue shooting.

Now let's look closely at how all this automatic fun is built into your new camera ...

## INSTALLING DRIVE BATTERIES

Open the DRIVE BATTERY COMPARTMENT by depressing the BATTERY COVER LATCH on the bottom of the camera. Install four size "AA" penlight batteries according to the positive-negative diagrams inside the compartment (see illustration) and close the cover. Reversing the polarity of the batteries will cause the motor to run backwards. Press the TRIGGER RELEASE briefly to see that power is supplied properly. If the motor does not run, check batteries for correct position.

### BATTERY POSITION DIAGRAMS





## DRIVE BATTERIES

(continued)

When you first purchase your batteries, have your dealer test them for freshness. You can have them tested again by your dealer whenever you stop in for more film or for processing. It is a good idea to carry an extra set of batteries with you whenever you are filming. Replace your batteries immediately if you notice any slowdown in the electric drive system.

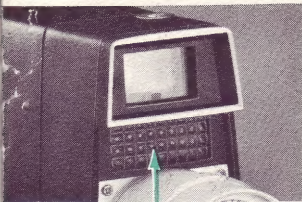
Your Argus dealer can supply you with several types of batteries. Some are high-energy types which provide much longer life. Any of the following kinds are suitable and will provide approximately the life shown, depending on their age, temperature conditions and other variables which effect battery life.

STANDARD CARBON ZINC .....	up to 5 cartridges
HEAVY DUTY CARBON ZINC .....	up to 8 cartridges
MANGANESE-ALKALINE .....	up to 25 cartridges
MERCURY .....	up to 36 cartridges

Weak batteries will slow the camera's filming speed and cause action to be greatly exaggerated on the screen. It is a good idea to frequently check the energy remaining in your batteries and replace them with a fresh set at the first sign of weakness.

## ELECTRIC-EYE

Your camera's ELECTRIC-EYE exposure control system automatically increases or decreases the size of the lens opening, while you are filming—continually adjusting for correct exposure in all suitable light conditions.



ELECTRIC-EYE WINDOW



LOW LIGHT INDICATOR

WARNING ZONE

The ELECTRIC-EYE INDICATOR system provides two pointers visible at the bottom edge of the viewfinder frame, one at a time, to the left or right of the center red WARNING ZONE. If the light is dim, one of the pointers will be seen on the left side. If it moves to the warning zone, the light is too dim and will cause underexposed movies (too dark). If the light is bright, the second pointer will swing up from the right. If it reaches the warning zone, there is too much light for your film, and overexposure will result (pictures too light).

When either pointer is in the red warning zone, you should not attempt to film the scene. When you cannot see any pointer at all, or while either pointer remains in the clear area at the left or right of the red warning zone, the light is "suitable" for electric-eye exposure control.

LOCATING PIN



FILTER SENSOR

FILM-TYPE IDENTIFICATION

## INSERTING THE FILM CARTRIDGE

The remarkable Super 8 cartridge is the key to all of the effortless, trouble-free, no-worry features which Argus has built into your camera. It contains a continuous 50-foot run of film. The film is already threaded in its own transport system, with position guides, pressure pad, and take-up sprocket built into the cartridge. A tiny portion of film is exposed at the front edge of the cartridge, ready to engage **automatically** with your camera.

Simply open the camera by pressing the COVER RELEASE toward the rear, place the cartridge in position at the LOCATING PIN, label-side up, press it down, and close the cover. In this simple insertion procedure, two vital settings are automatically made without your touching a single lever or dial.

**1** The camera's FOOTAGE COUNTER is automatically reset to **0** and will indicate the number of feet of film you have exposed. When the counter reaches **50**, stop taking pictures, but continue to run the camera for a few seconds to wind the film through the cartridge to the end. (The motor will seem to speed-up slightly when the end of the film is reached.)

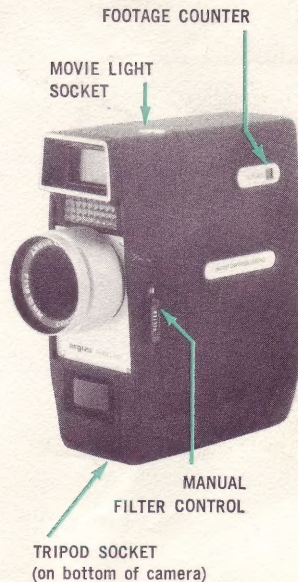


**2** A TYPE-A FILTER will either be in position or removed from position inside your camera **automatically** as soon as you insert the cartridge. A special FILTER SENSOR, built into your camera, detects the presence or absence of another notch in the edge of the film cartridge depending on whether your film is for daylight or for artificial light. Daylight film cartridges will have **no** notch, and the sensor will be depressed as the cartridge is inserted, displacing the filter.

Type-A film cartridges **will** be notched, allowing the sensor to remain extended, keeping the filter in place—compensating for daylight exposure of what is really “indoor” film.

However, as soon as you attach your movie light to the socket on top of your camera, another built-in sensor automatically displaces the filter, no longer needed for Type-A film exposed by artificial light. In this way, Type-A film can be used indoors with movie lights, or outdoors in daylight, with color compensation automatically provided.

**NOTE:** A MANUAL FILTER CONTROL is provided on the left side of your camera. The filter must be manually displaced





whenever you are filming with Type-A film and using a bottom-mount movie light (in the tripod socket), or when filming in other types of artificial light without a top-mounting movie light. In these situations, slide the control up so that it reads "FILTER-OUT". Be sure to keep the control set to "FILTER-IN" when exposing Type-A film in daylight. The control has no effect on the filter position when using daylight film or when a top-mounting movie light is in place.

## SHOOTING

With batteries installed, and film cartridge inserted, simply hold the camera steadily aimed at your subject, frame the scene by sighting through the viewfinder, and press the trigger release. The camera will run continuously as long as the trigger is depressed. You can even expose the entire 50 feet of film in the cartridge all in one scene, if you choose! Keep your "takes" at least five seconds in length. Scenes that appear too long on the screen can always be cut when editing.

If you film a scene by "panning" (moving the camera horizontally or vertically while shooting), keep the movement very slow



and steady to avoid blurring and jerkiness in the projected pictures. Use a tripod whenever possible, mounting it to the camera in the socket provided on the bottom.

## TIPS FOR BETTER MOVIES

Plan your movies in advance to add a feeling of continuity to them. Try filming your movies in a story sequence.

Always hold the camera as steady as possible when taking movies. Any slight wavering of the camera will be very obvious when your movies are projected. Use a tripod when possible.

Take pictures with the sun behind you whenever possible. The electric eye can "read" the scene and set the lens more accurately if this rule is followed.

When taking movies indoors with a movie light, be sure you have Type-A film in the camera. The electric eye will set the exposure automatically. Keep your subject closer to the background than to the camera to assure even lighting.

Do not expose camera or film to excessively high temperatures such as might occur in a closed automobile under a hot sun.

In extreme cold conditions, hold the camera under your coat when not filming to keep the batteries warm and to keep the film from becoming brittle.

## CAMERA CARE

Your Argus Super Eight Movie Camera is a fine precision instrument and deserves the best of care. Protect it from jarring or vibration and from extremes of heat, moisture, and dust.

Clean out the interior of the camera occasionally with a small camel's hair brush. Be sure to brush away any dirt or particles that may be in the film gate or they may show up in your movies. Do not attempt to remove or oil any part of your camera.

To clean the front of the camera lens, blow the dust off first, then use a camel's hair brush or lens tissue. Use lens cleaning fluid sparingly and only if it becomes necessary.

Cut off this card, fold it on dotted line, and keep it with you for reference.

## Argus Super Eight Movie Camera Owner's Identification Card

CAMERA SERIAL NUMBER	
OWNER'S NAME	
STREET	
CITY & STATE	
PHONE	

### CHECK LIST FOR OUTDOOR MOVIES

1. **Check batteries** for sufficient power; if your batteries are not new and fresh, carry a spare set.
2. **Insert film cartridge** and press trigger for one second to run-in film leader. Your camera accepts either ASA 25 or 40 film.
3. **Keep Filter Control set to IN** when taking outdoor movies with Type A film.
4. **Hold the camera steady**, frame the subject in the viewfinder, and press the Trigger Release to take the movies.



## UNCONDITIONAL GUARANTEE

Your Argus Super Eight Camera is unconditionally guaranteed by the manufacturer to operate properly for a period of one year from the date of original purchase. If, during this period, your camera fails to operate for any reason, Argus, Incorporated, will restore it to operating condition at no charge to you. (This includes all parts and labor.)

This unconditional guarantee applies to the product itself. We regret that we are unable to assume liability for loss of film or for other expense or inconvenience.

This unconditional guarantee is valid only for the original retail purchaser and only if the product is returned prepaid, directly or through an Argus dealer, to the Customer Service Department, Argus, Incorporated, 2080 Lunt Avenue, Elk Grove Village, Illinois 60007, or one of their authorized service locations. The date and place of original purchase must be included, along with a description of the difficulties encountered.

Many apparent product difficulties are actually a matter of incorrect usage. It is always wise to see your Argus dealer before returning the product for servicing.

### CUSTOMER SERVICE DEPARTMENT, ARGUS, INCORPORATED

MAIN OFFICE ~~2080 Lunt Avenue, Elk Grove Village, Illinois 60007~~

IN CANADA Davis Drive East, Newmarket, Ontario

For the address of the service location nearest you which is authorized to repair Argus products under guarantee, contact your Argus dealer or write to the main office of the Customer Service Department.

PART NO. 41643-663

LITHO IN U.S.A.

## SERVICE

For information about your camera, or for service or replacement parts, see your Argus dealer, authorized service location, or write to the main office of the Argus Customer Service Department (address listed at left).

When writing, be sure to mention you have the Argus Model No. 801 Camera.



~~Argus Incorporated~~  
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